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State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

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Division Director

Inspection Report

Minerals Regulatory Program

Report Date: October 25, 2006

Supervisor

[Signature]

Mine Name: Travertine #1

Operator Name: BEG Resources

Permit number: M0230042

Date: October 19, 2006

Time: 2:00-2:30 PM

Inspector(s): Paul Baker

Other Participants: None

Mine Status: Reclaimed

Weather: Mostly clear, 50s

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

I wanted to check the vegetation and see how it was progressing.

Inspection Summary:

10. Revegetation

I measured perennial and native annual vegetation cover in the reclaimed area and in an adjacent undisturbed area. I obtained cover values of 3.45 percent in the reclaimed area and 13.4 percent in the undisturbed area. Dominant species in the reclaimed area were crested wheatgrass, intermediate wheatgrass, and blazing star. Nearly all the perennial vegetation in the undisturbed area was sagebrush.

Most of the reclaimed area had surprisingly few weeds, but there was a south-facing slope toward the north side of the mine with a lot of Russian thistle and some other annuals. This area also had a lot of blazing star.

Conclusions and Recommendations:

The plan states:

“Successful revegetation is achieved when 25% (70% X 35%) ground cover is achieved over all reclaimed areas.”

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The reclaimed area does not meet this revegetation success standard, and I do not expect it to meet this standard without remedial work.

There are portions of the reclaimed area, especially toward the west side, with enough vegetation that no additional work should be needed. Except on the outslopes, I found very few perennials on the north and east parts of the area.

If the site had a lot of cheatgrass, I would be reluctant to recommend reseeding, but Russian thistle is not overly competitive. I believe the operator should re-roughen and reseed those areas where there is little perennial cover.

Inspector's Signature



Date:

10/30/06

PBB:pb

cc: Bob Steele,
Fillmore BLM

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